



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Stephen A. Campbell  
Application No. : 10/630,634  
Filed : July 29, 2003  
For : NON-NOBLE METAL CATALYST FOR THE  
OXYGEN REDUCTION REACTION

Art Unit : 1745  
Docket No. : 130109.467  
Date : December 19, 2003

Box Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicant wishes to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449 (copies of the cited references are enclosed). As to any reference supplied, applicant does not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserves the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicant's duty to disclose all information he is aware of which is believed relevant to the examination of the above-identified application, applicant believes that his invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicant believes this Information Disclosure Statement has been timely filed, however, the Commissioner is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,

Seed Intellectual Property Law Group PLLC



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Karl R. Hermanns  
Registration No. 33,507

Enclosures:

Form PTO-1449

Cited References (4)

701 Fifth Avenue, Suite 6300  
Seattle, Washington 98104-7092  
Phone: (206) 622-4900  
Fax: (206) 682-6031

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Sheet 1 of 1

FORM PTO-1449  
(REV.7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT & TRADEMARK OFFICE

ATTY. DOCKET NO.

130109.467

APPLICATION NO.

10/630,634

INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)

APPLICANT

Stephen A. Campbell

FILING DATE

July 29, 2003

GROUP ART UNIT

1745

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AJ	WO 03/004156 A2	01/16/03	WIPO		
	AK					
	AL					
	A					
	AN					

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	Bron, M. et al., "Influence of Selenium on the Catalytic Properties of Ruthenium-Based Cluster Catalysts for Oxygen Reduction," <i>J. of Electroanalytical Chemistry</i> 500:510-517, 2001.
	AP	Trapp, V. et al., "New Catalysts for Oxygen Reduction Based on Transition-Metal Sulfides," <i>J. Chem. Soc., Faraday trans.</i> , 92(21):4311-4319, 1996.
	AQ	Tributsch, H. et al., "Methanol-Resistant Cathodic Oxygen Reduction Catalysts for Methanol Fuel Cells," <i>J. App. Electrochem.</i> 31:739-748, 2001.

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).